

LIQUID DISPENSING METHOD AND SYSTEM WITH HEADSPACE GAS REMOVAL

ABSTRACT OF THE DISCLOSURE

5 A liquid dispensing method and system for dispensing from a
container including an outer container and an inner container, a portion of the
inner container occupied by the liquid, a remainder of the inner container
occupied by a headspace gas. The system includes a probe having a flow
passage therein and a gas passage communicating between the interior of the
10 inner container and an exterior of the outer container. Fluid (such as air or
nitrogen) is caused to flow under pressure into a space between inner walls of
the outer container and the inner container to force the headspace gas out of the
inner container via the gas passage and to force liquid out of the inner container
through the flow passage in the probe to a manufacturing process.